

The first of these is the fact that the
  $\text{C}_{60}$  molecule is a truncated icosahedron,
 which is a polyhedron with 32 faces,
 12 of which are pentagons and 20 are
 hexagons. This structure is very
 similar to a soccer ball, and it is
 this structure that gives the molecule
 its unique properties.

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### U.S. Patent Documents

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5,115,504	May 19, 1992	E.J. Belove et al	395/600	Nov. 1, 1988

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Examiner

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Date Considered